

19270 U.S.P.T.O.
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**IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE**

PATENT APPLICATION

APPLICANT(S): Woogeen Rhee
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Date of Deposit: October 30, 2003Signature: V.Bencivenni

**ASSIGNEE
NAME:** International Business
 Machines Corporation

**ASSIGNEE
RESIDENCE:** Armonk, New York

TITLE: Voltage-Controlled Delay Circuit Using
 Second-Order Phase Interpolation

**COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450**

SIR:

Enclosed are the following papers relating to the above-named application for patent:

Application - 8 pages of Specification, 3 pages of Claims and 1 page of Abstract
 5 Sheets of informal drawing(s)
 Declaration (unexecuted)

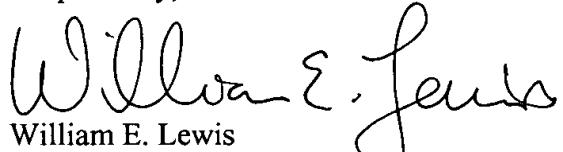
CLAIMS AS FILED				
	NO. FILED	NO. EXTRA	RATE	CALCULATIONS
Total Claims	15-20 =	0	x \$18 =	\$0
Independent Claims	5-3 =	2	x \$86 =	\$172
Multiple Dependent Claim(s), if applicable			\$290 =	\$0
Basic Fee				\$770
			TOTAL FEE:	\$942

Please file the application and charge **International Business Machines Corporation Deposit Account No. 50-0510** the amount of \$942, to cover the filing fee. In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **Deposit Account No. 50-0510** as required to correct the error. Duplicate copies of this letter are enclosed.

Attorney Docket No.: YOR920030258US1

Please address all correspondence to: **Ryan, Mason & Lewis, LLP, 90 Forest Avenue, Locust Valley, New York 11560.** Telephone calls should be made to the undersigned attorney at (516) 759-2946.

Respectfully,



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Date: October 30, 2003